Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094462.D
Acq On : 20 Oct 2017 1:11
Operator : SJ/JU
Sample : I5819-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3919-FB

Quant Time: Oct 20 12:44:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1237	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	6151	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3811	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	7735	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9292	0.40	ng	0.00
34) Perylene-d12	23.95	264	8965	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	592	0.14	ng	0.01
5) Phenol-d6	7.15	99	582	0.09	ng	0.02
8) Nitrobenzene-d5	9.08	82	2404	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4550	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	597	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6778	0.50	ng	0.00
25) Fluoranthene-d10	19.28	212	51935	0.42	ng	0.00
29) Terphenyl-d14	19.86	244	9833	0.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	64	Below Cal	#	16
3) n-Nitrosodimethylamine	3.83	42	20	0.009	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	20	0.004	ng	# 1
9) Naphthalene	10.76	128	316	0.005	ng	# 61
10) Hexachlorobutadiene	10.99	225	5	0.002	ng	# 17
12) 2-Methylnaphthalene	12.36	142	10	0.001	ng	# 48
16) Acenaphthylene	14.24	152	30	0.001	ng	# 61
17) Acenaphthene	14.58	154	28	0.002	ng	# 37
18) Fluorene	15.58	166	53	0.003	ng	# 14
20) 4-Bromophenyl-phenylether	16.49	248	8	0.002	ng	# 26
21) Hexachlorobenzene	16.58	284	8	0.028	ng	# 38
22) Pentachlorophenol	17.01	266	2	0.159	ng	93
23) Phenanthrene	17.30	178	184	0.006	ng	# 13
24) Anthracene	17.30	178	166	0.007	ng	# 19
26) Fluoranthene	19.31	202	180	0.005	ng	# 70
28) Pyrene	19.67	202	173	0.005	ng	# 56
30) Benzo(a)anthracene	21.42	228	125	0.004	ng	# 30
31) Chrysene	21.46	228	135	0.004	ng	# 34
32) Bis(2-ethylhexyl)phthalate	21.29	149	2222	0.024	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.63	276	77	0.002	ng	# 81
35) Benzo(b)fluoranthene	23.17	252	193	0.006	ng	# 18
36) Benzo(k)fluoranthene	23.22	252	57	0.002	ng	# 5
37) Benzo(a)pyrene	23.83	252	23	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.66	278	27	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.48	276	61	0.002	ng	# 25

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Acq On : 20 Oct 2017 1:11
Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3919-FB

Quant Time: Oct 20 12:44:20 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
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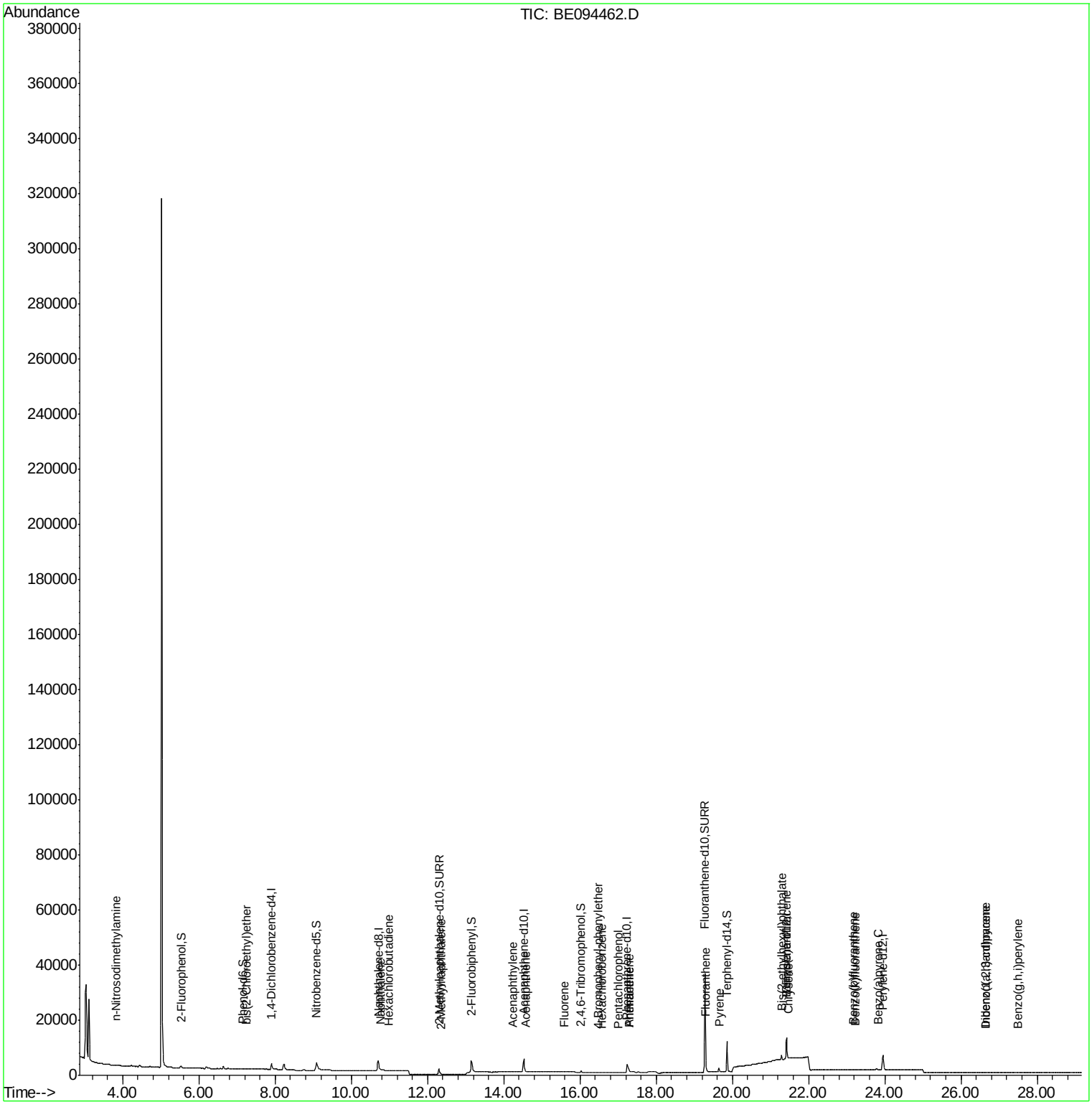
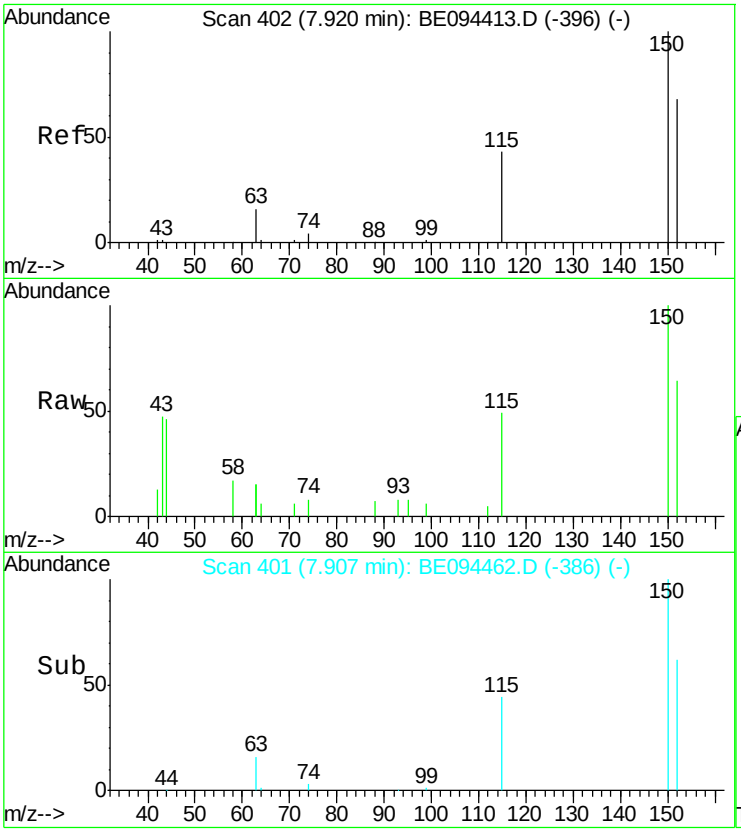


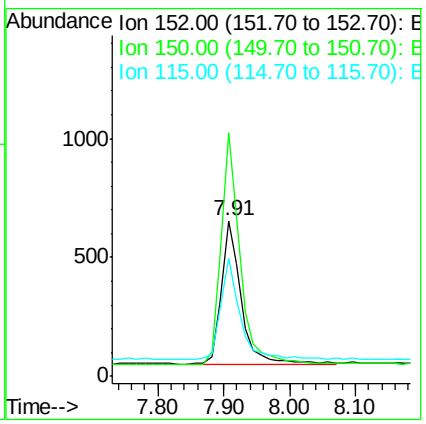


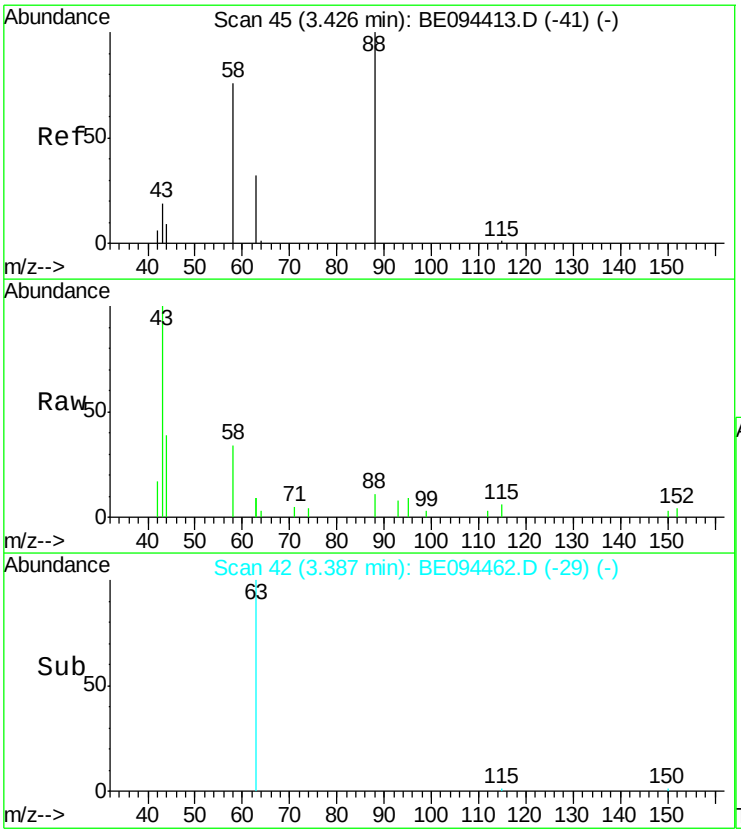
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:152 Resp: 1237

Ion	Ratio	Lower	Upper
152	100		
150	156.3	117.2	175.8
115	76.2	57.0	85.6

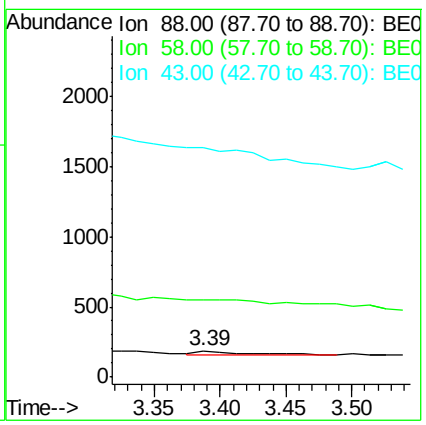


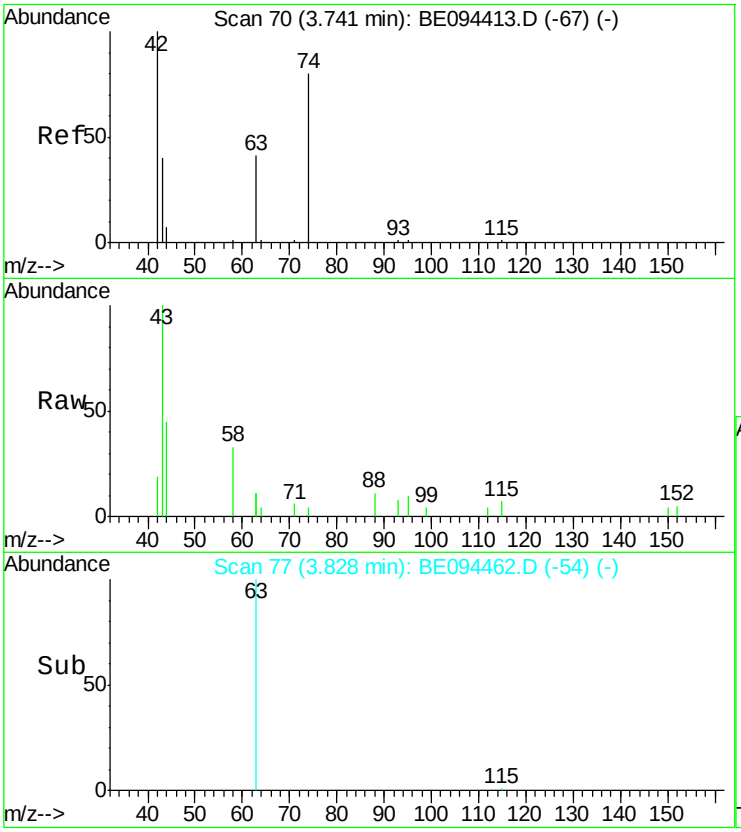


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.39 min Scan# 42
Delta R.T. -0.04 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



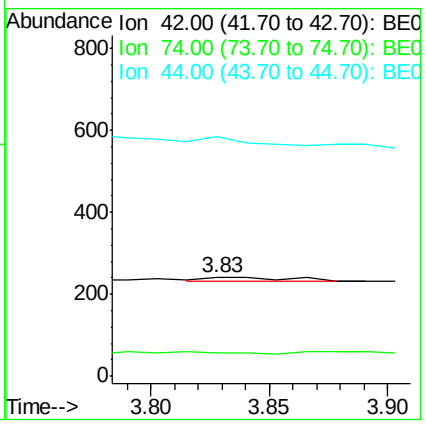


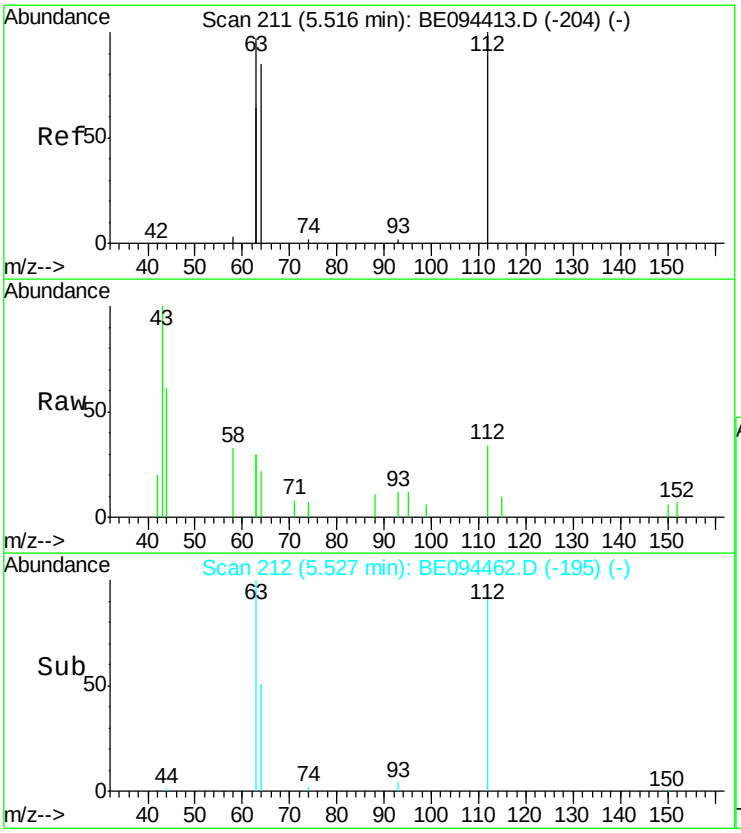
#3
n-Nitrosodimethylamine
Concen: 0.009 ng
RT: 3.83 min Scan# 77
Delta R.T. 0.09 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	0.0	17.0	25.4#

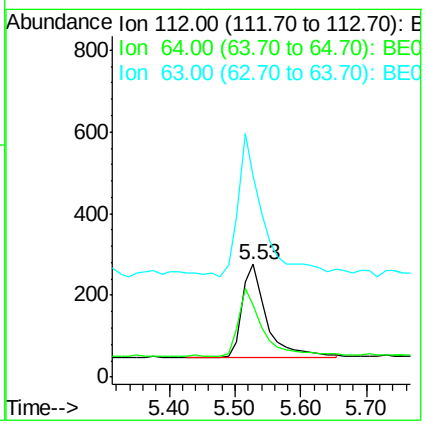


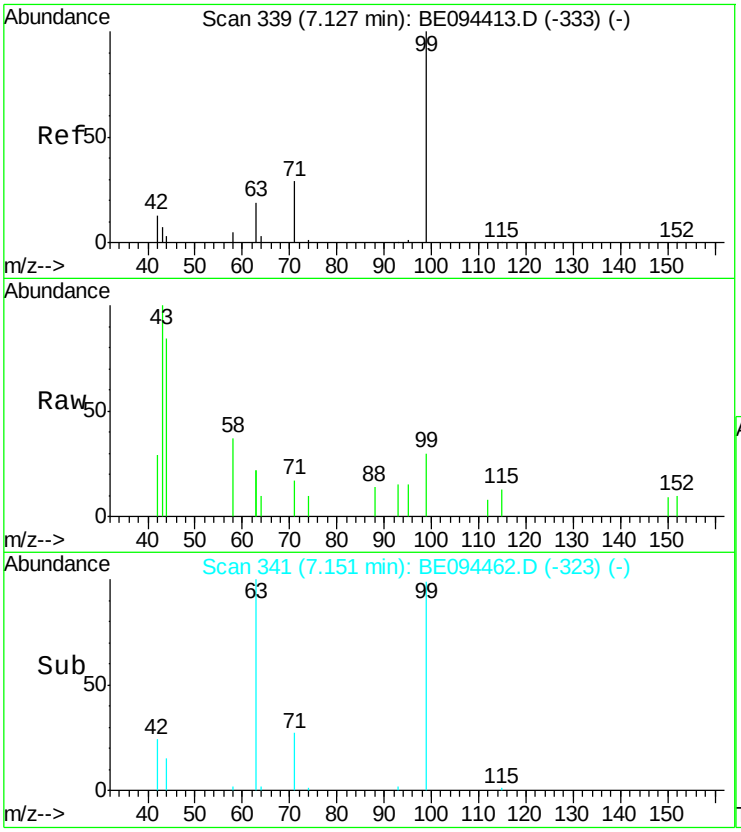


#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:112 Resp: 592

Ion	Ratio	Lower	Upper
112	100		
64	71.3	60.1	90.1
63	146.8	116.8	175.2



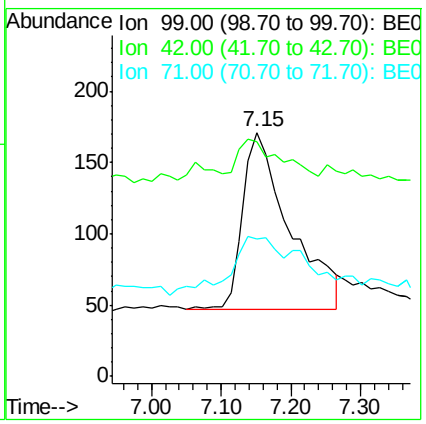


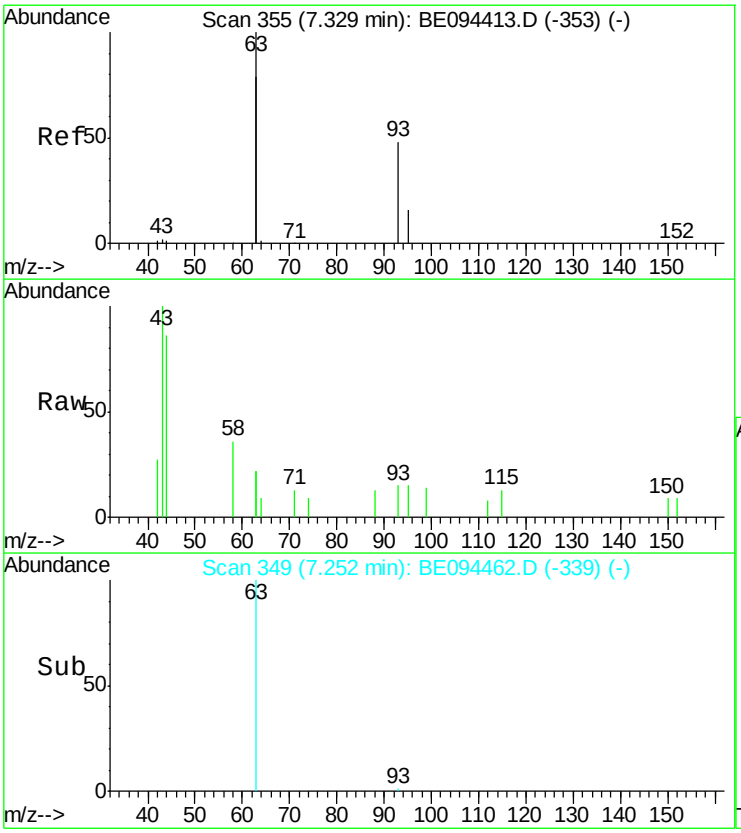
#5
Phenol-d6
Concen: 0.089 ng
RT: 7.15 min Scan# 341
Delta R.T. 0.02 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion: 99 Resp: 582

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.2	30.2#
71	34.2	28.4	42.6

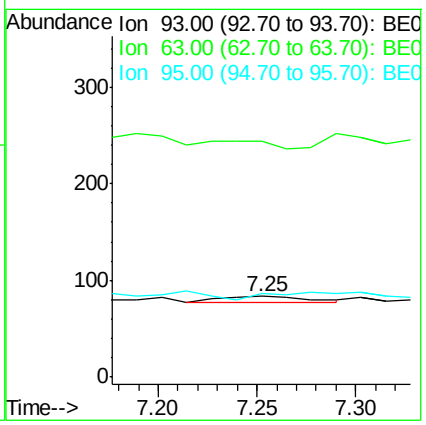


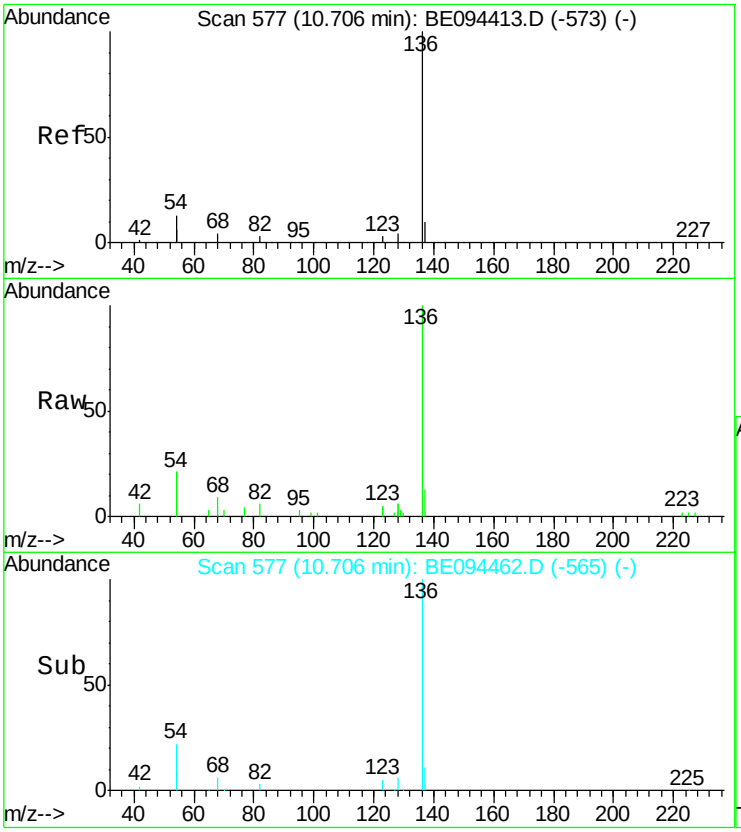


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.25 min Scan# 349
Delta R.T. -0.08 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion: 93 Resp: 20

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



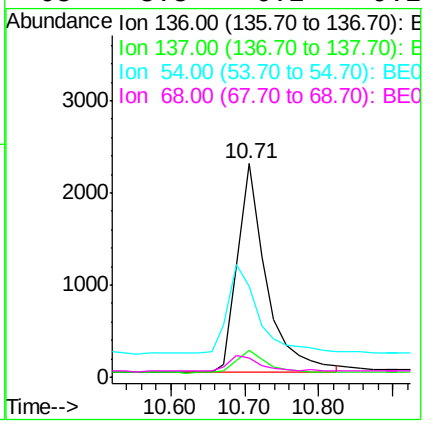


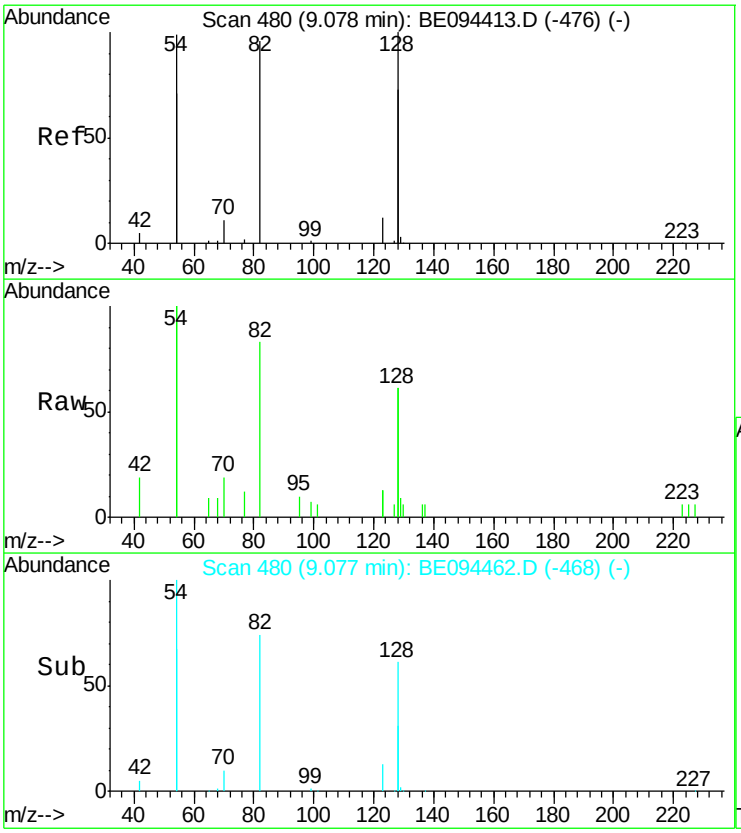
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:136 Resp: 6151

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	42.4	29.1	43.7
68	8.8	6.2	9.2

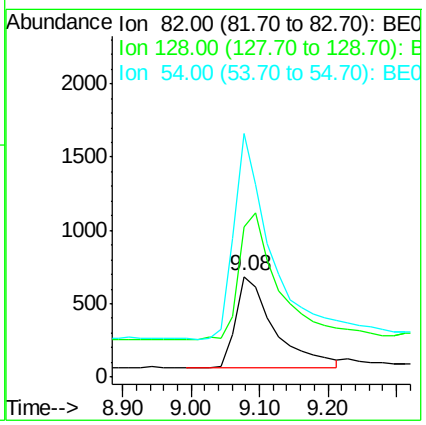


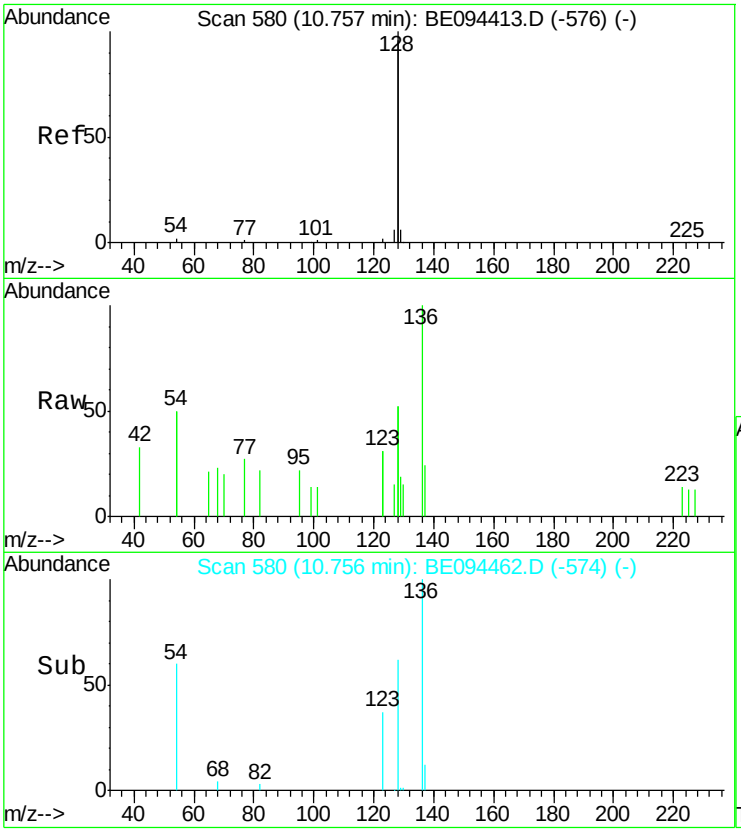


#8
Nitrobenzene-d5
Concen: 0.450 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion: 82 Resp: 2404

Ion	Ratio	Lower	Upper
82	100		
128	148.7	150.0	225.0#
54	242.0	154.2	231.4#



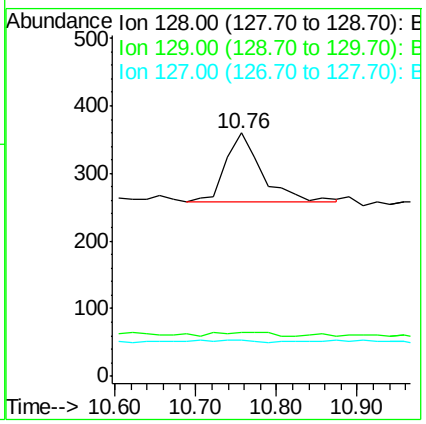


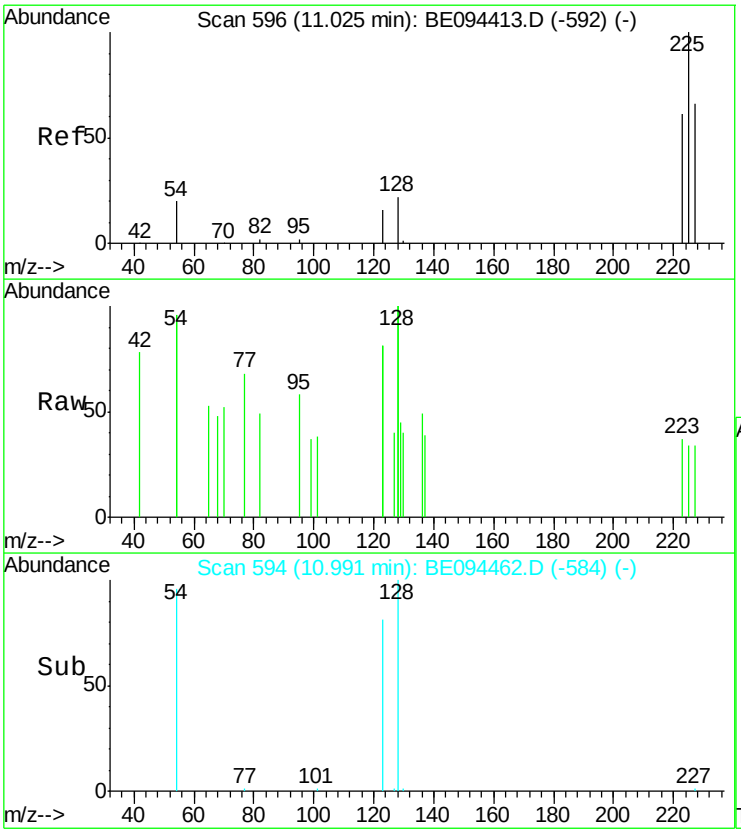
#9
Naphthalene
Concen: 0.005 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:128 Resp: 316

Ion	Ratio	Lower	Upper
128	100		
129	18.1	2.6	3.8#
127	14.7	2.8	4.2#

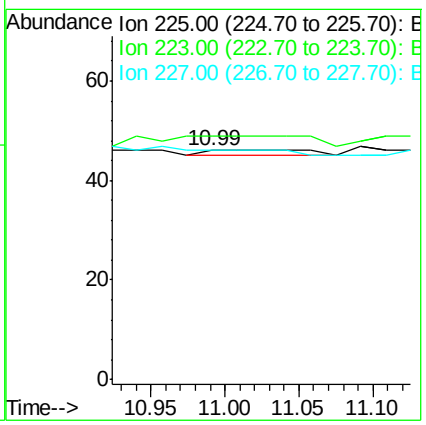


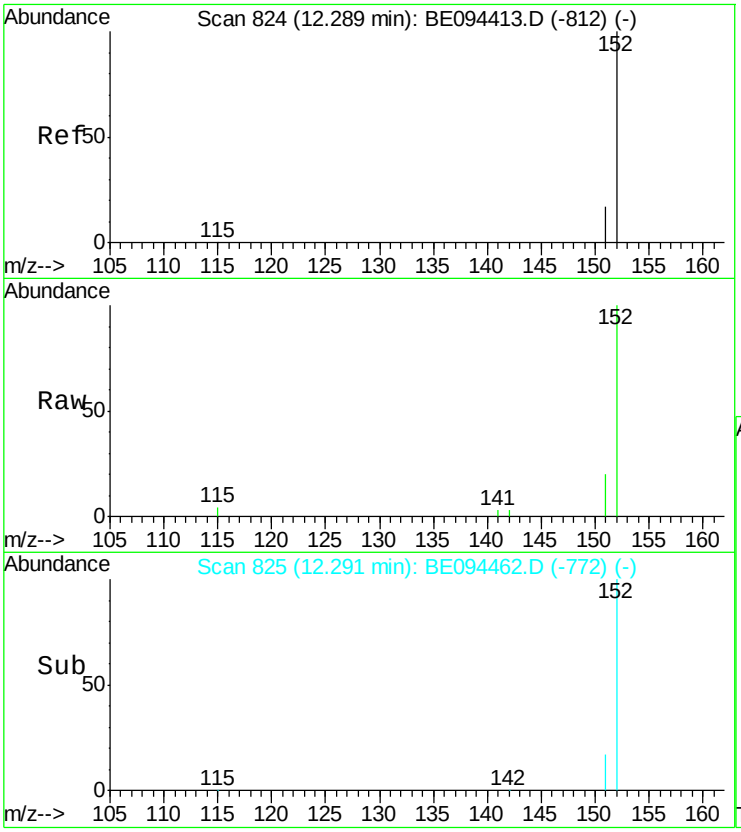


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	0.0	51.4	77.2#



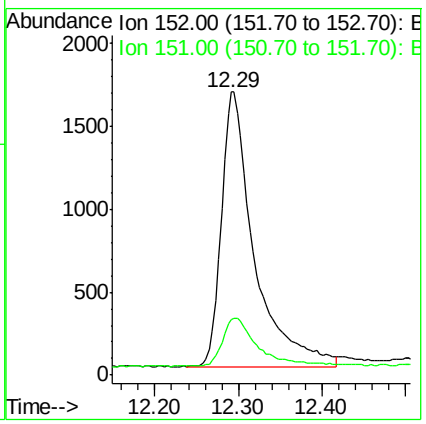


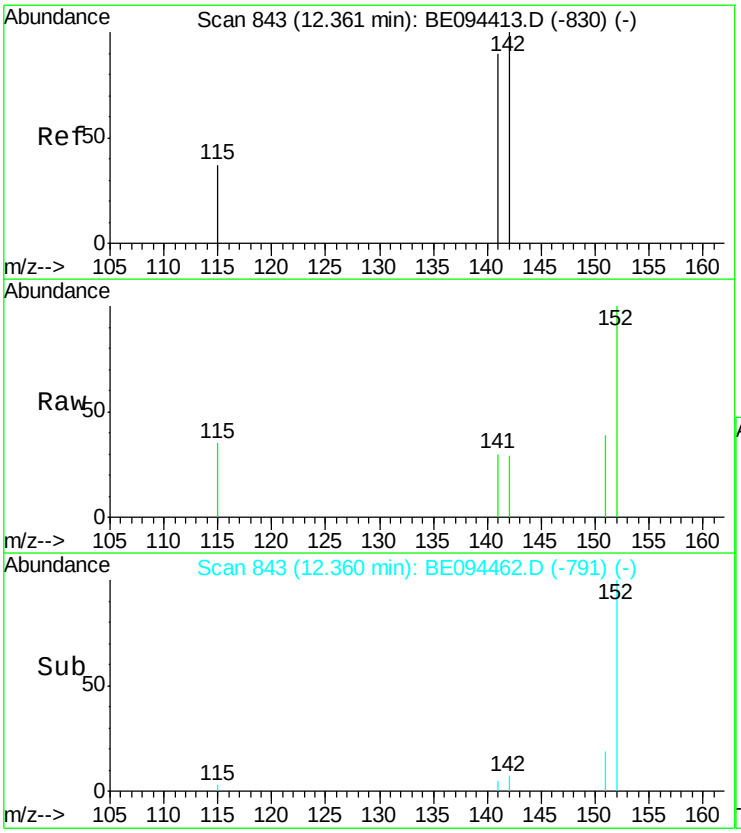
#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:152 Resp: 4550

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

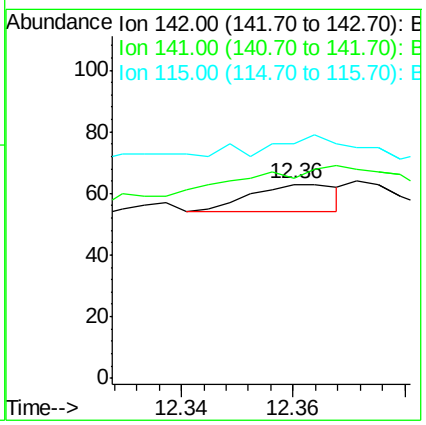


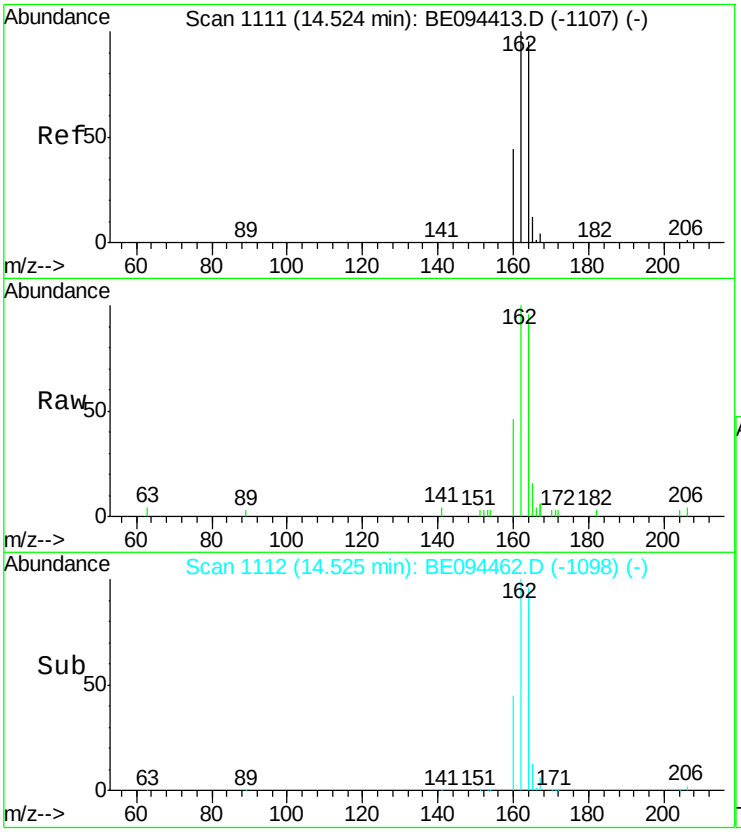


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	103.2	70.4	105.6
115	120.6	31.7	47.5#



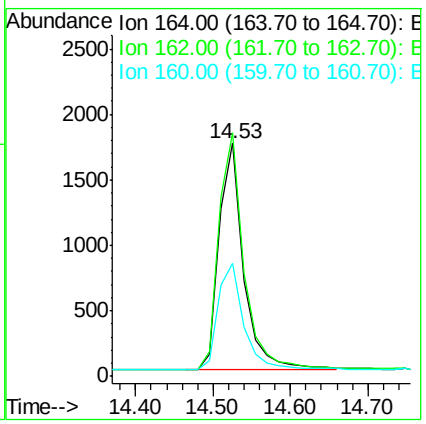


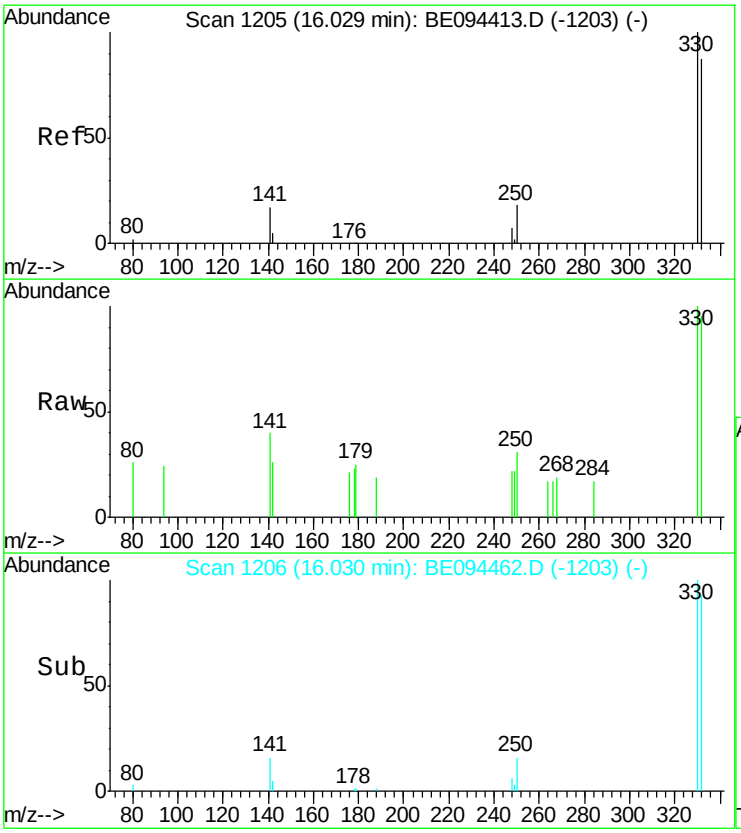
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:164 Resp: 3811

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.1	124.7
160	48.5	37.1	55.7

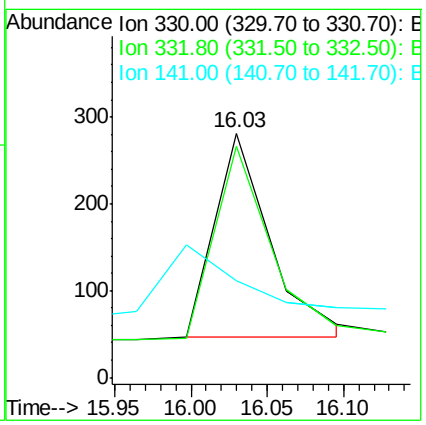


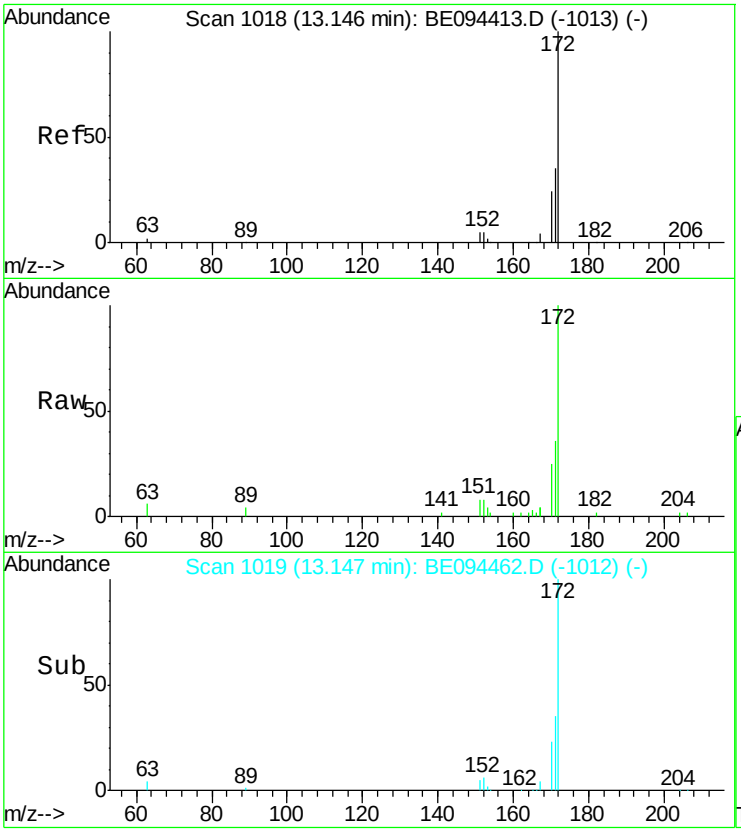


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:330 Resp: 597

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	0.0	33.7	50.5#



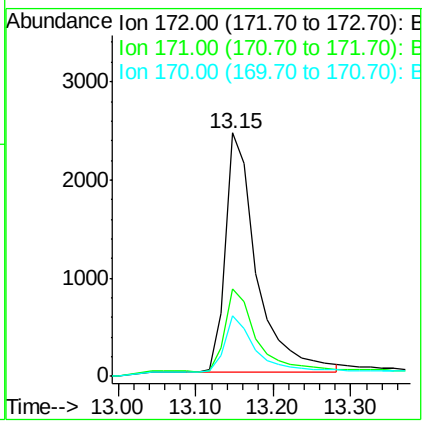


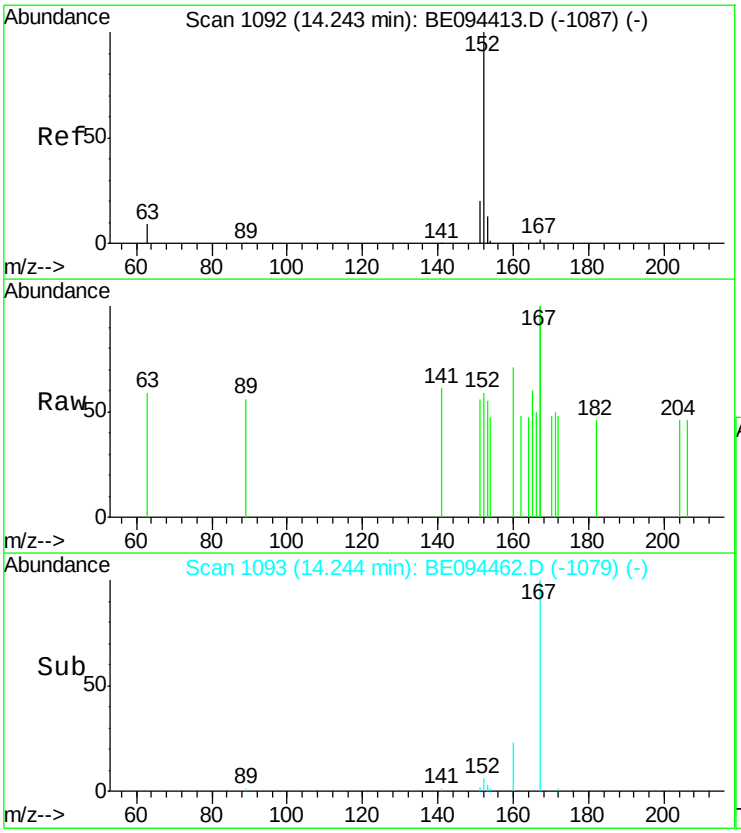
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:172 Resp: 6778

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.8	21.8	32.8

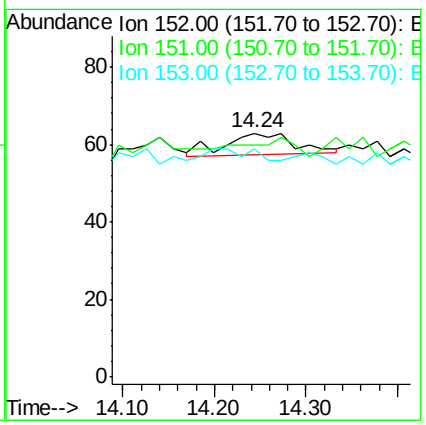


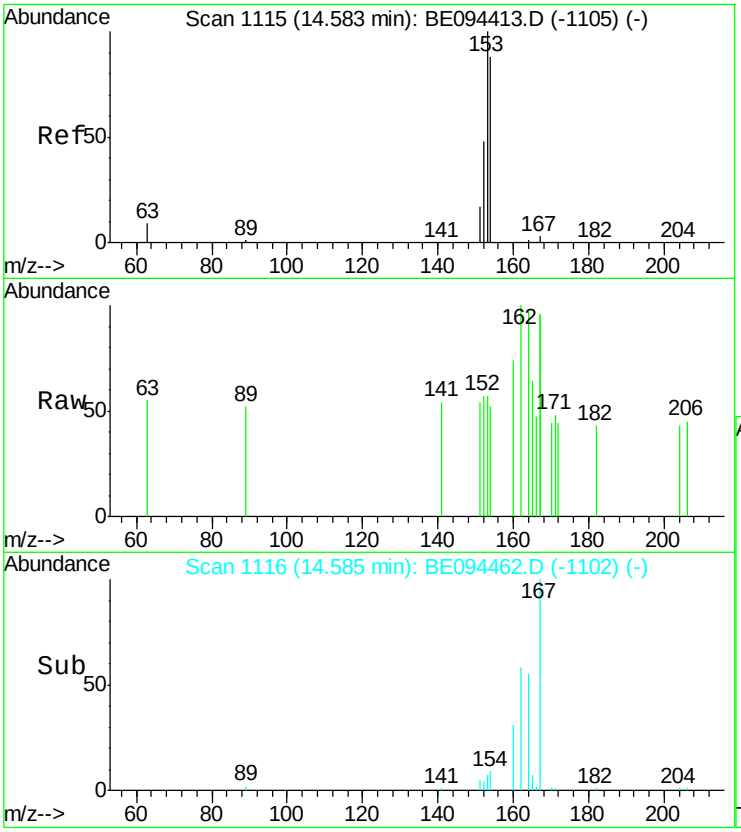


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:152 Resp: 30

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#



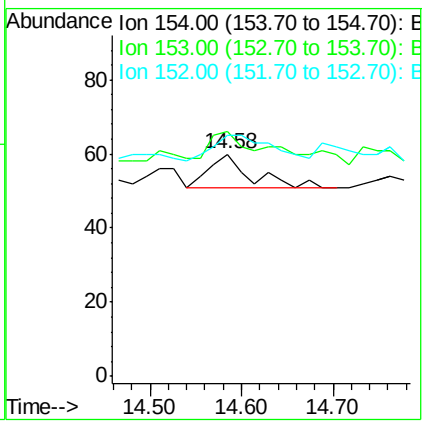


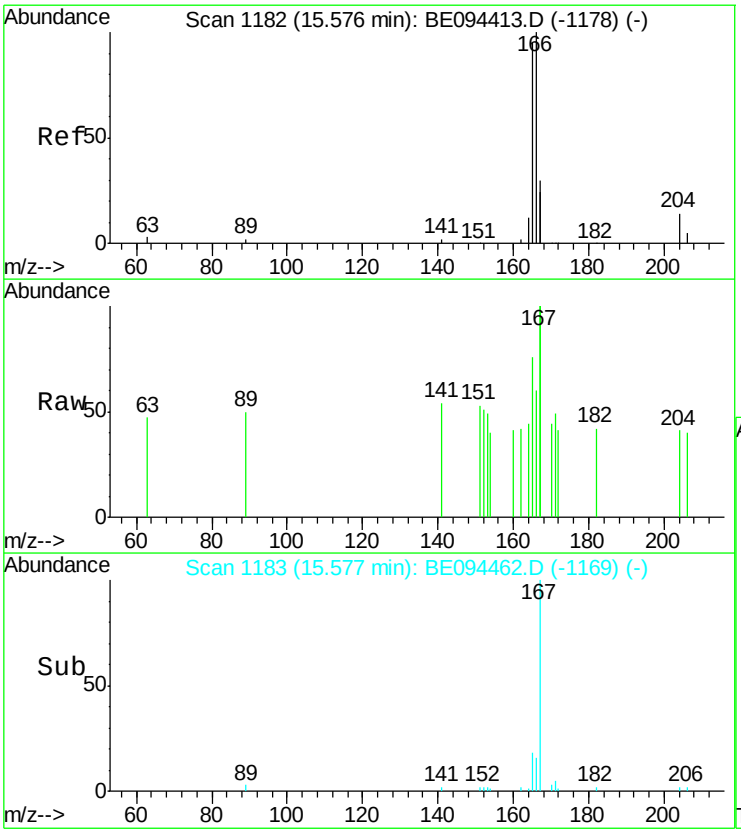
#17
Acenaphthene
Concen: 0.002 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:154 Resp: 28

Ion	Ratio	Lower	Upper
154	100		
153	57.1	89.2	133.8#
152	114.3	42.0	63.0#

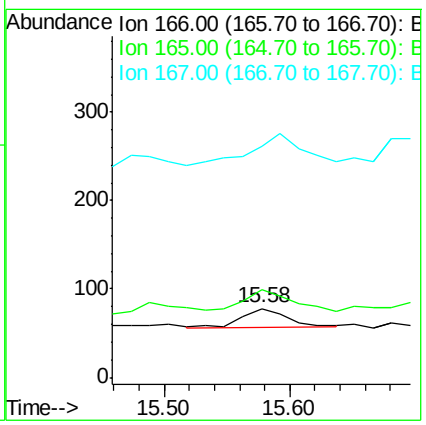


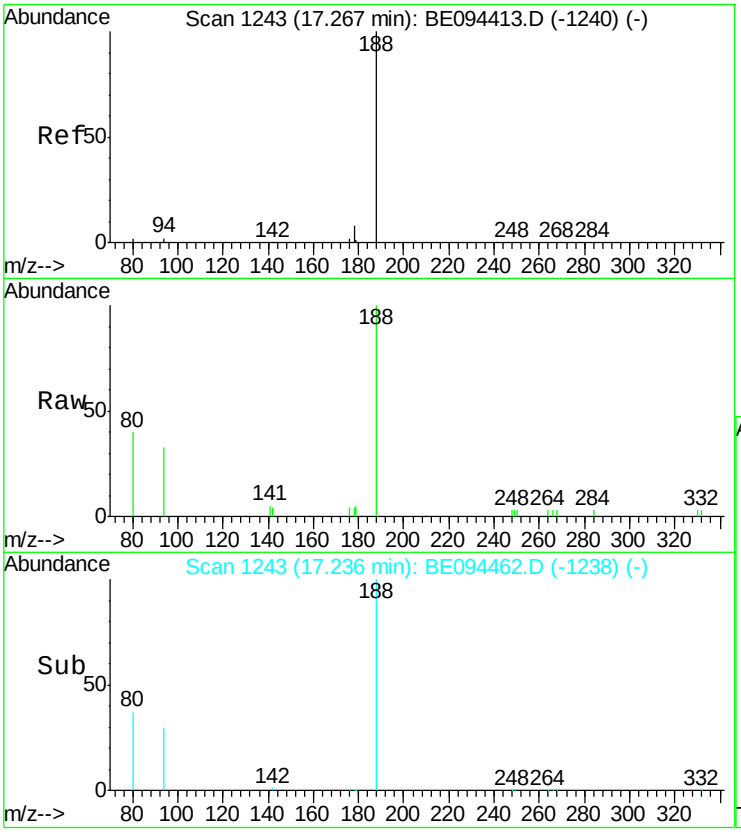


#18
Fluorene
Concen: 0.003 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:166 Resp: 53

Ion	Ratio	Lower	Upper
166	100		
165	124.5	77.8	116.6#
167	190.6	42.4	63.6#



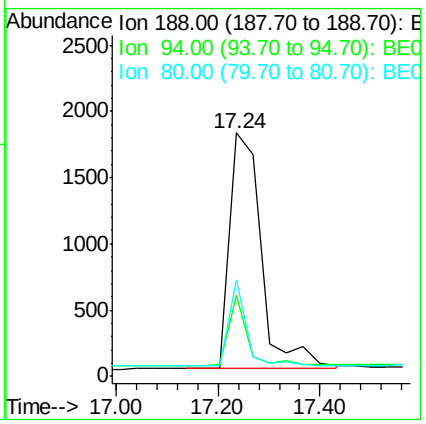


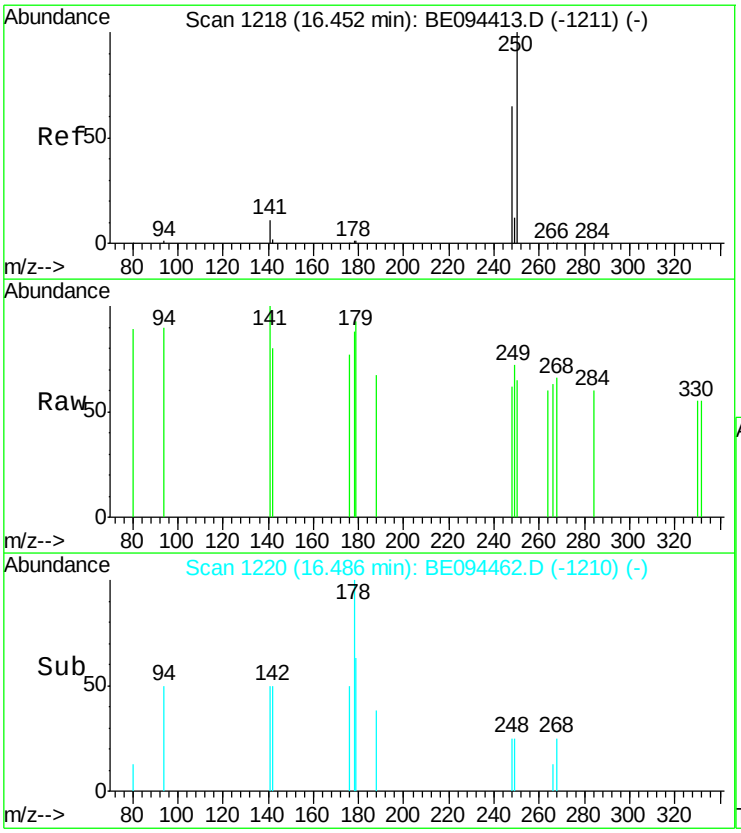
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:188 Resp: 7735

Ion	Ratio	Lower	Upper
188	100		
94	33.1	3.9	5.9#
80	39.8	3.6	5.4#

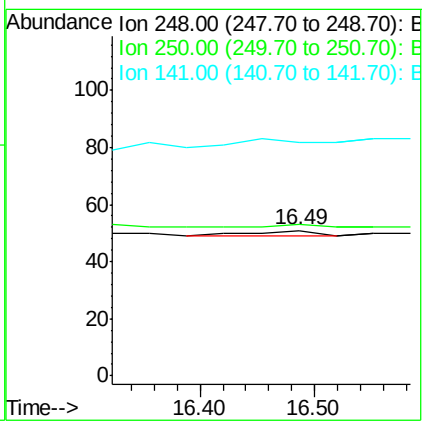


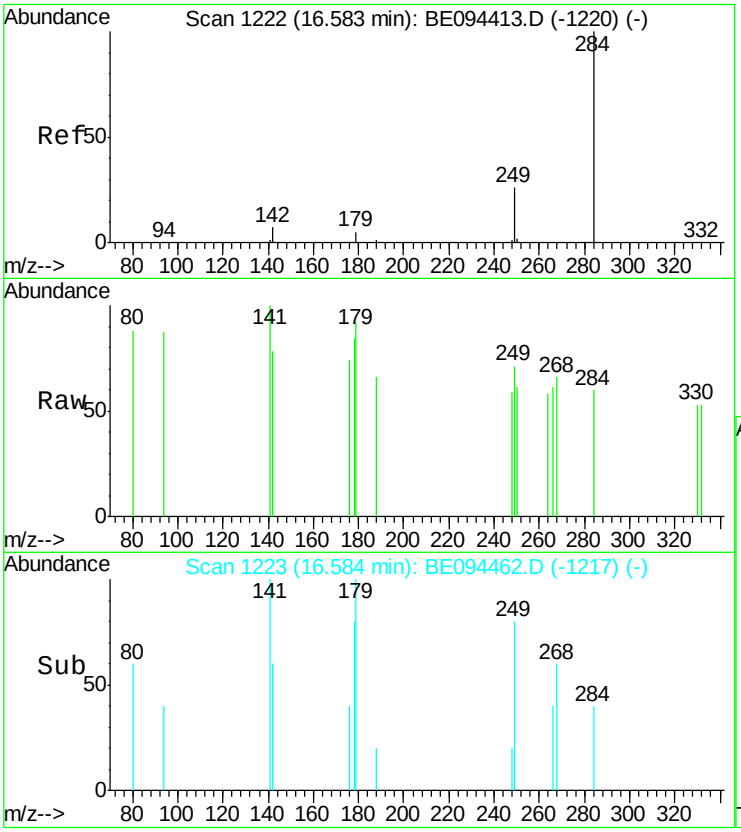


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.49 min Scan# 1220
Delta R.T. 0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:248 Resp: 8

Ion	Ratio	Lower	Upper
248	100		
250	103.9	62.7	94.1#
141	160.8	48.2	72.2#



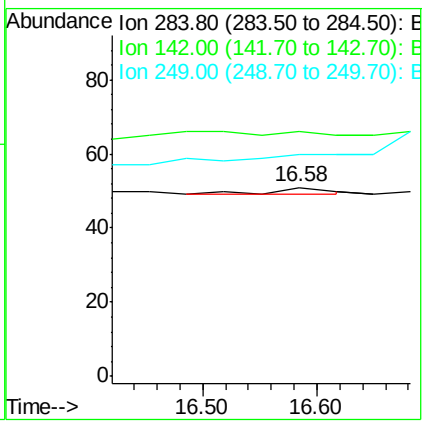


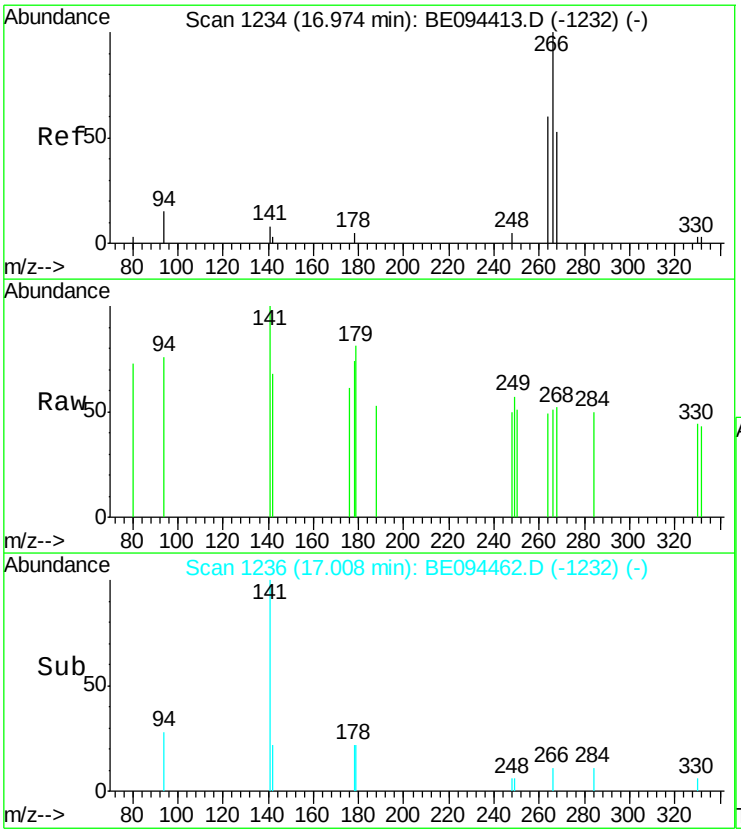
#21
Hexachlorobenzene
Concen: 0.028 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#

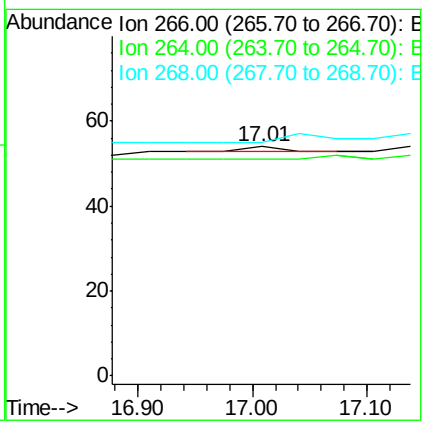


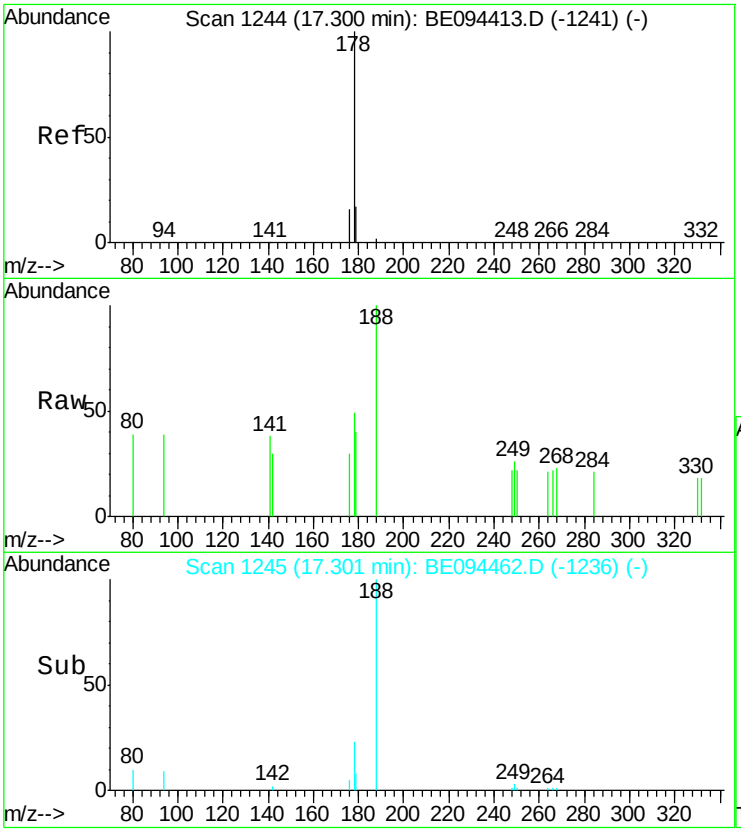


#22
Pentachlorophenol
Concen: 0.159 ng
RT: 17.01 min Scan# 1236
Delta R.T. 0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:266 Resp: 2

Ion	Ratio	Lower	Upper
266	100		
264	94.4	72.5	108.7
268	101.9	73.8	110.6



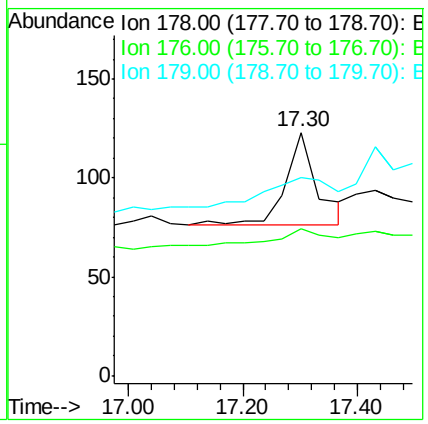


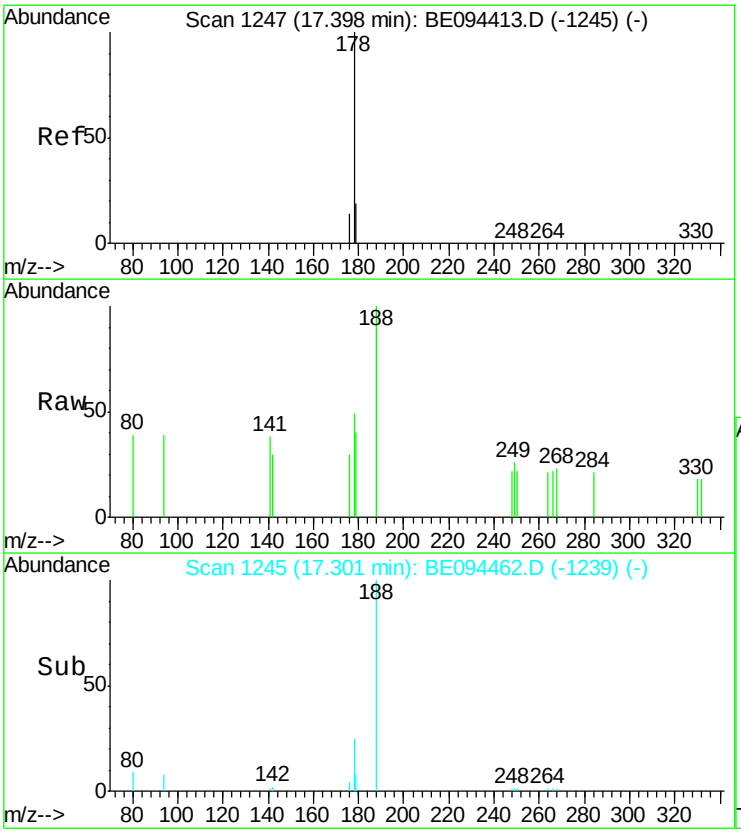
#23
Phenanthrene
Concen: 0.006 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:178 Resp: 184

Ion	Ratio	Lower	Upper
178	100		
176	35.9	15.1	22.7#
179	76.6	11.8	17.6#

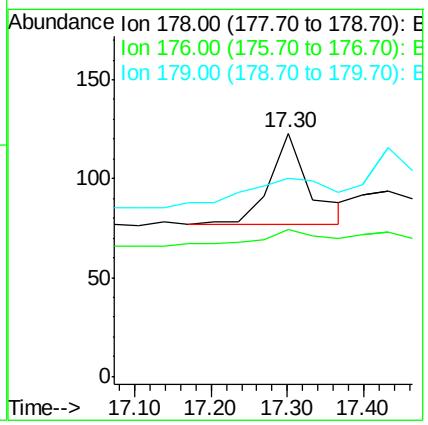


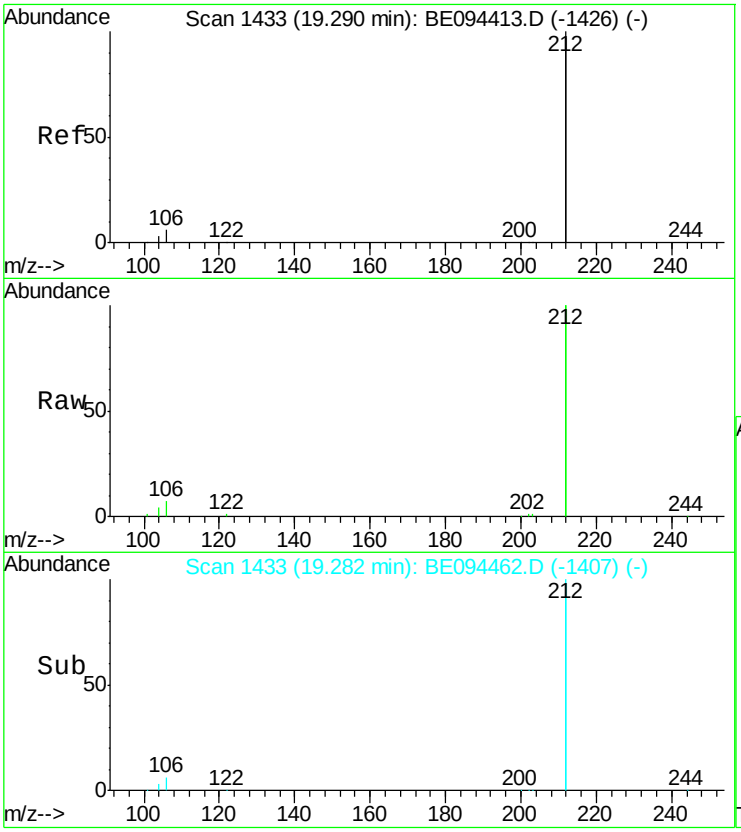


#24
Anthracene
Concen: 0.007 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:178 Resp: 166

Ion	Ratio	Lower	Upper
178	100		
176	28.3	12.8	19.2#
179	72.9	13.0	19.6#



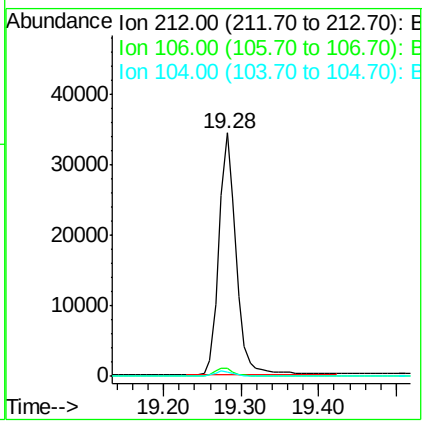


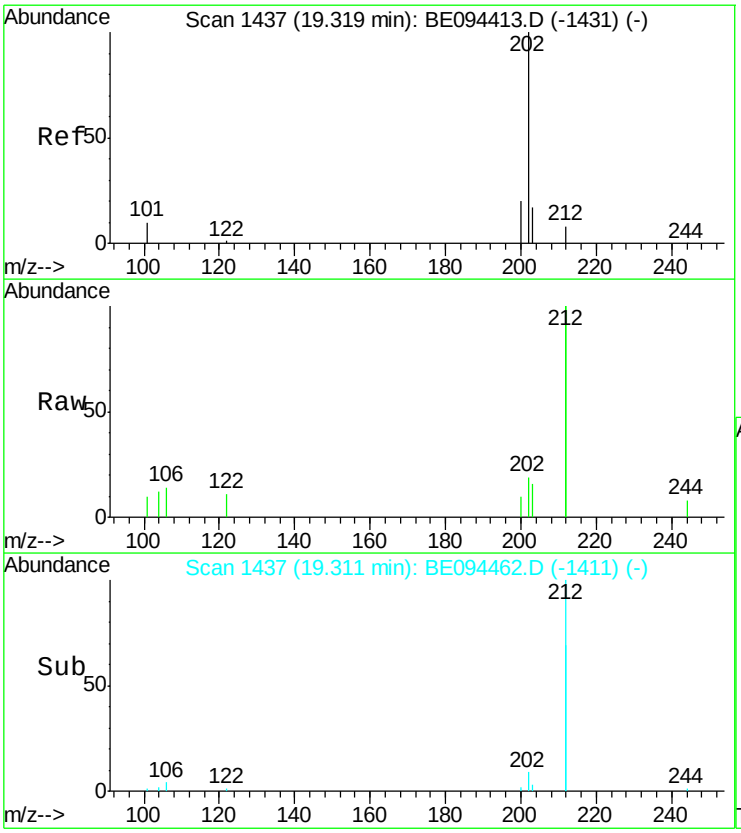
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:212 Resp: 51935

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

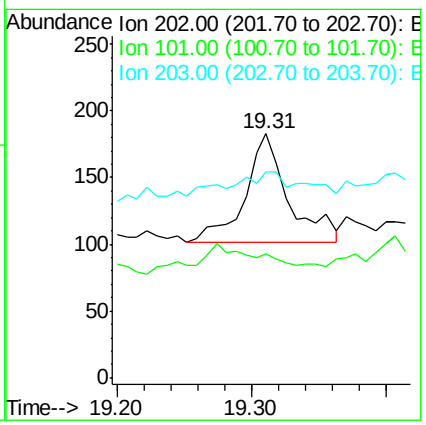


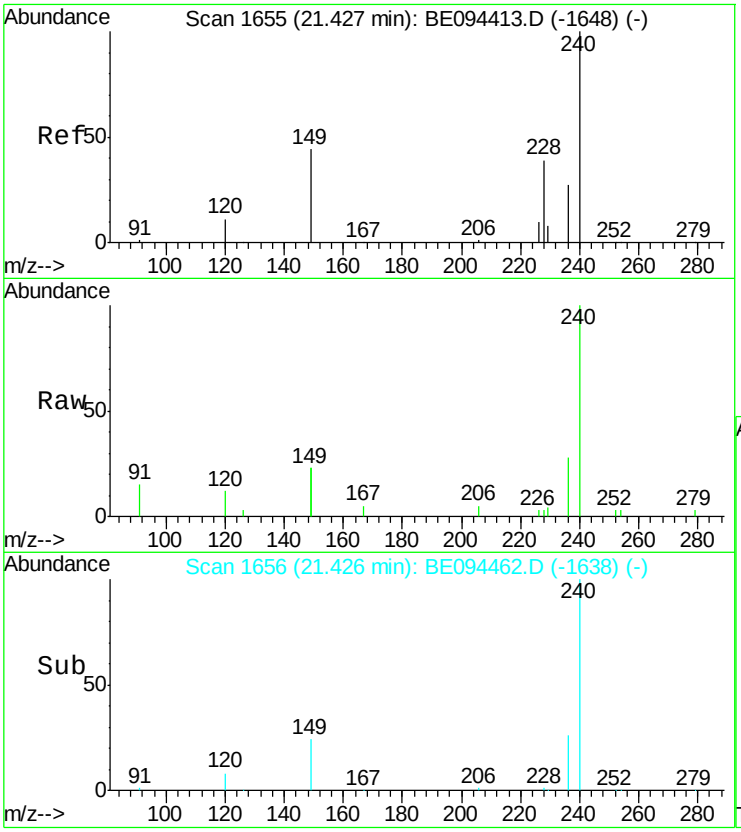


#26
Fluoranthene
Concen: 0.005 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:202 Resp: 180

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	29.4	13.7	20.5#



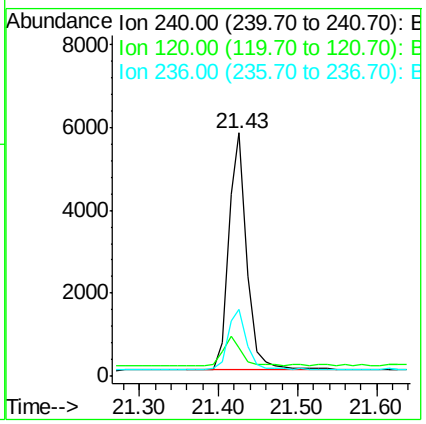


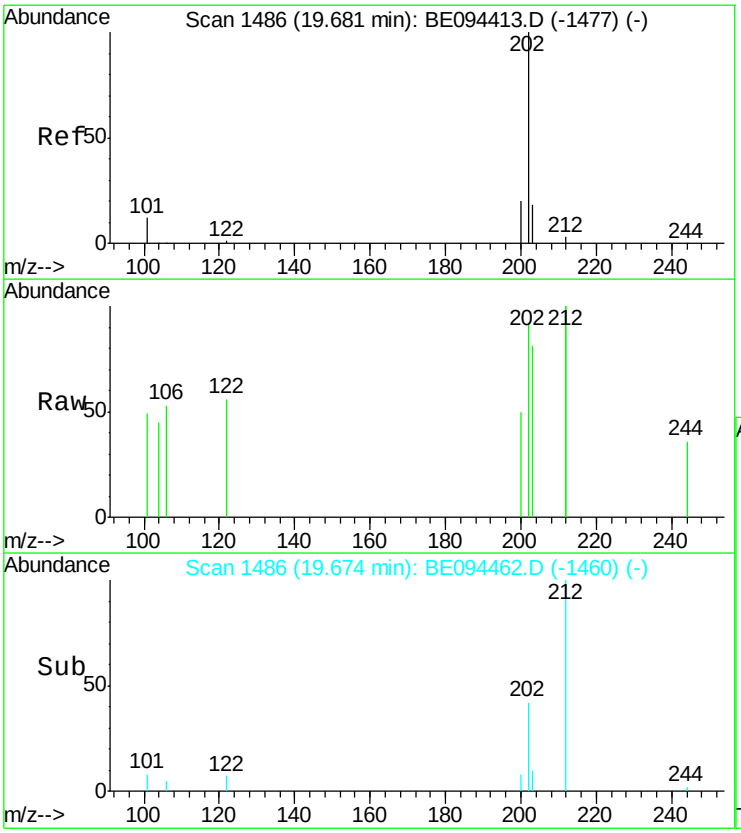
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:240 Resp: 9292

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.5	8.3#
236	27.7	20.7	31.1

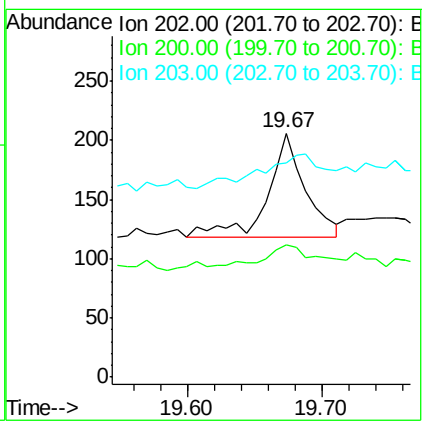


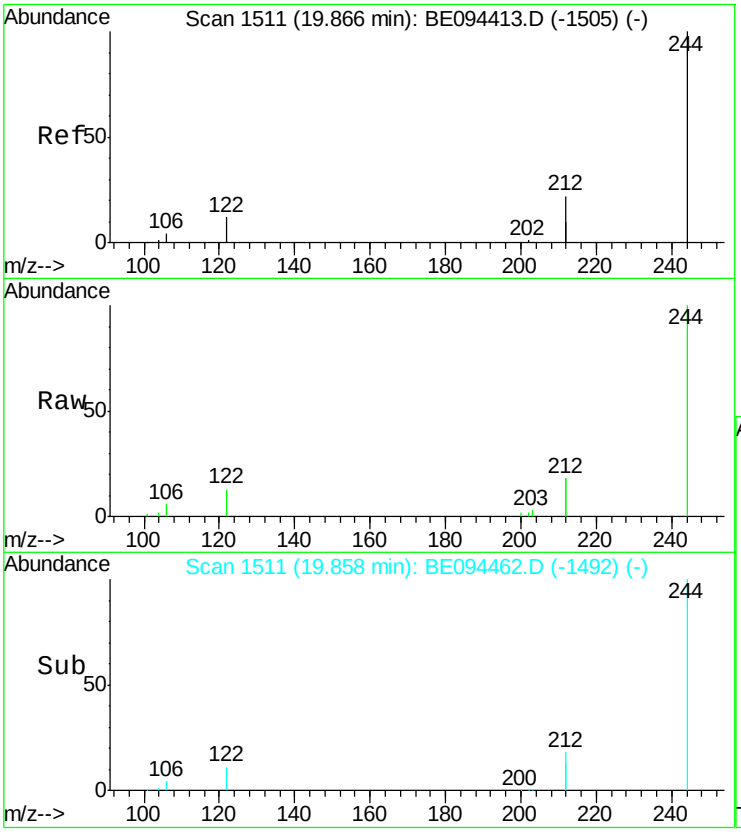


#28
Pyrene
Concen: 0.005 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:202 Resp: 173

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	57.2	13.8	20.8#



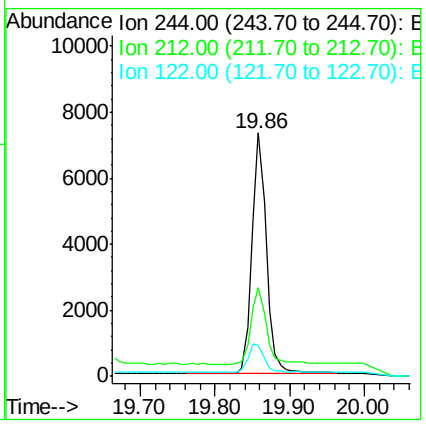


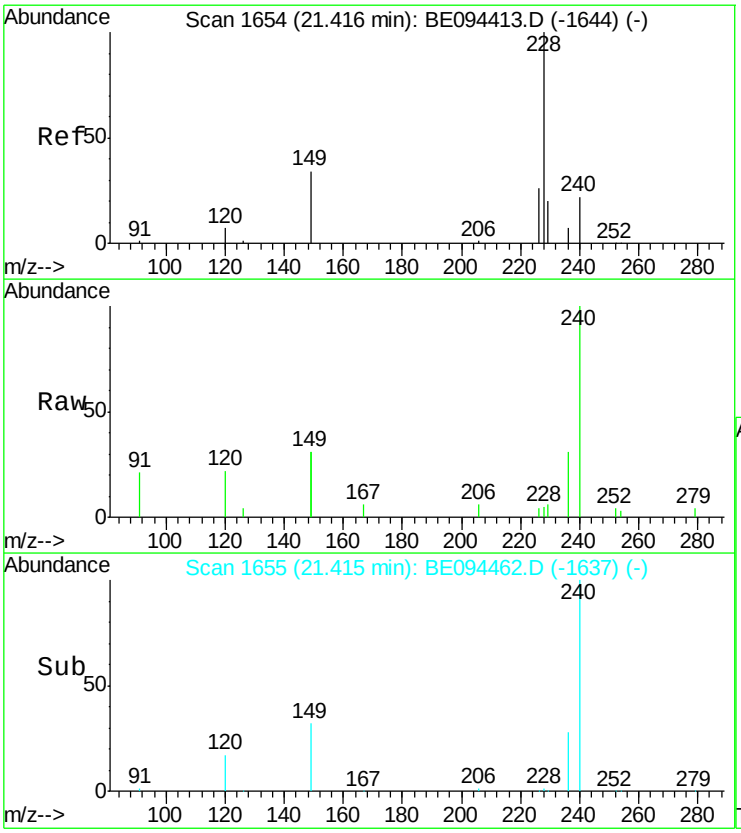
#29
Terphenyl-d14
Concen: 0.524 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:244 Resp: 9833

Ion	Ratio	Lower	Upper
244	100		
212	36.5	25.4	38.0
122	12.9	8.1	12.1#

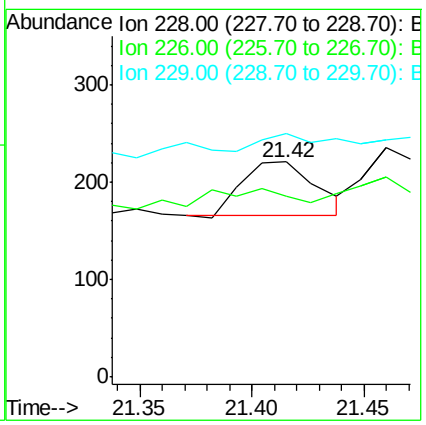


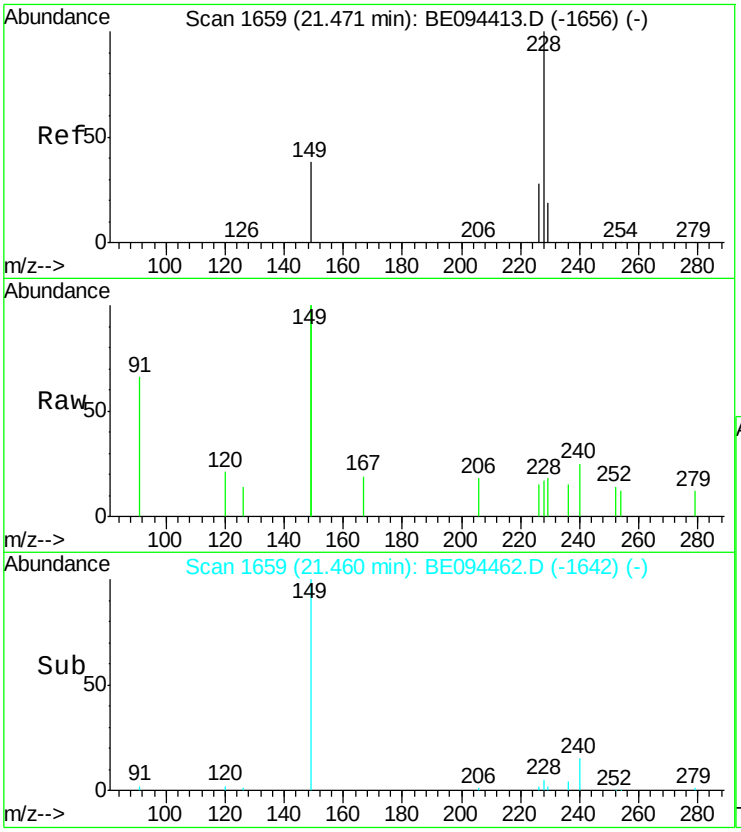


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:228 Resp: 125

Ion	Ratio	Lower	Upper
228	100		
226	83.7	40.0	60.0#
229	113.1	40.0	60.0#



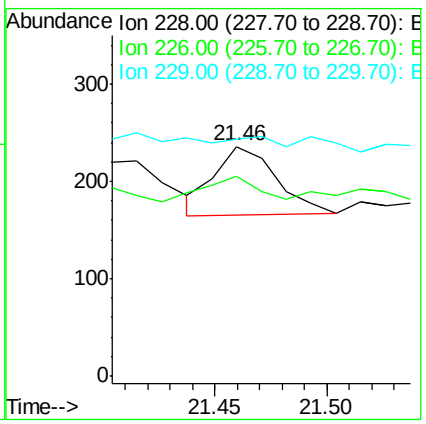


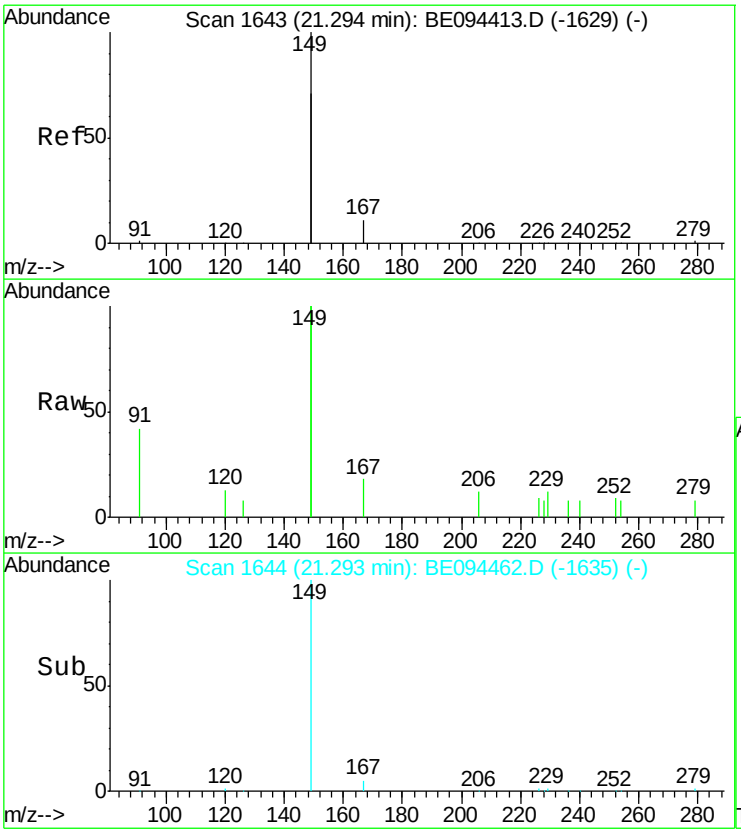
#31
Chrysene
Concen: 0.004 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:228 Resp: 135

Ion	Ratio	Lower	Upper
228	100		
226	86.9	40.0	60.0#
229	103.4	40.0	60.0#

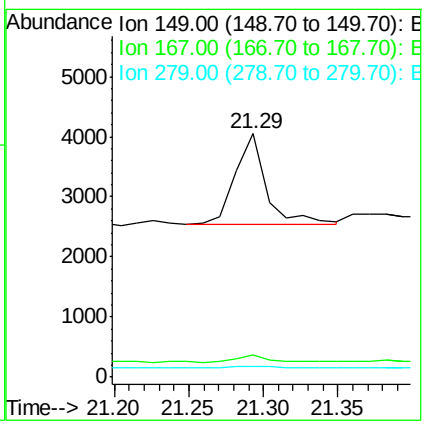


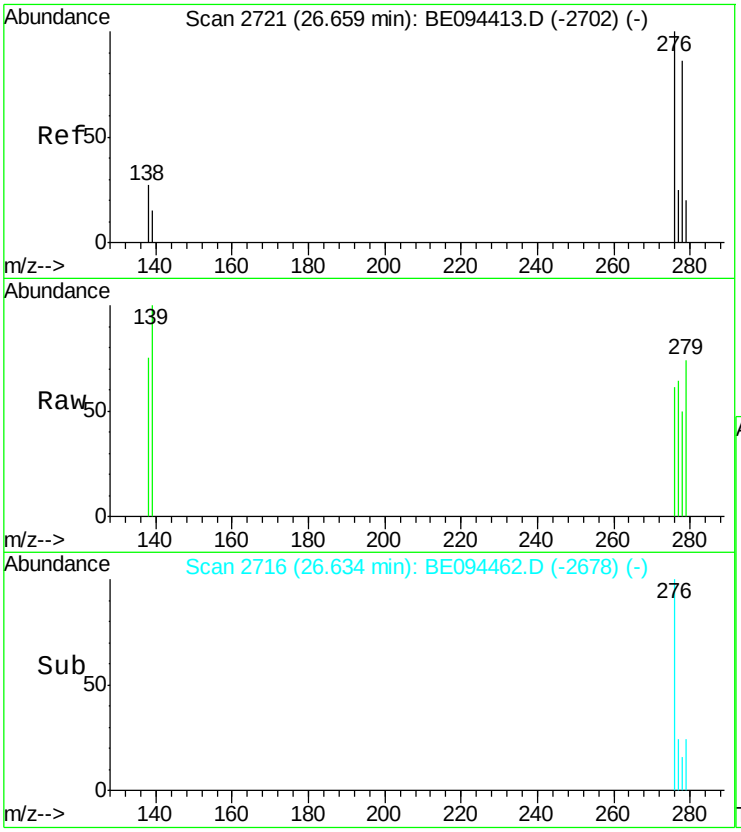


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:149 Resp: 2222

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.7	0.7	1.1#



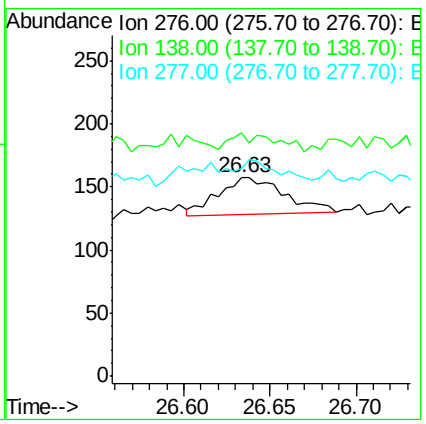


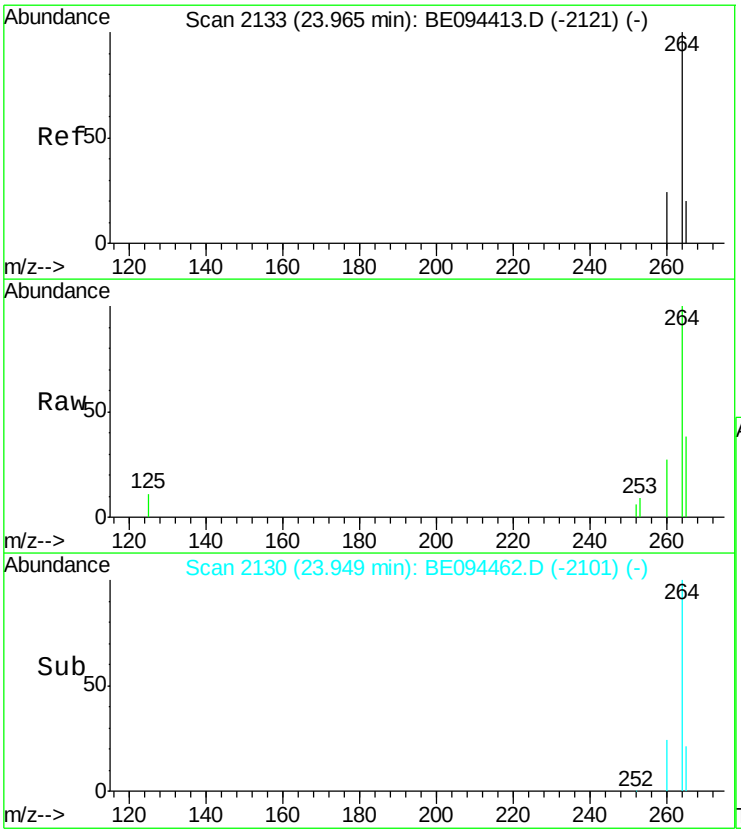
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.63 min Scan# 2716
Delta R.T. -0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:276 Resp: 77

Ion	Ratio	Lower	Upper
276	100		
138	11.7	22.5	33.7#
277	27.3	19.9	29.9

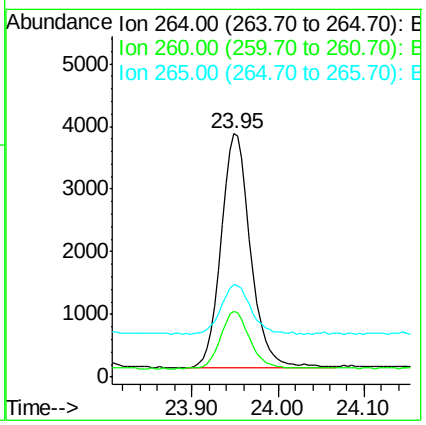


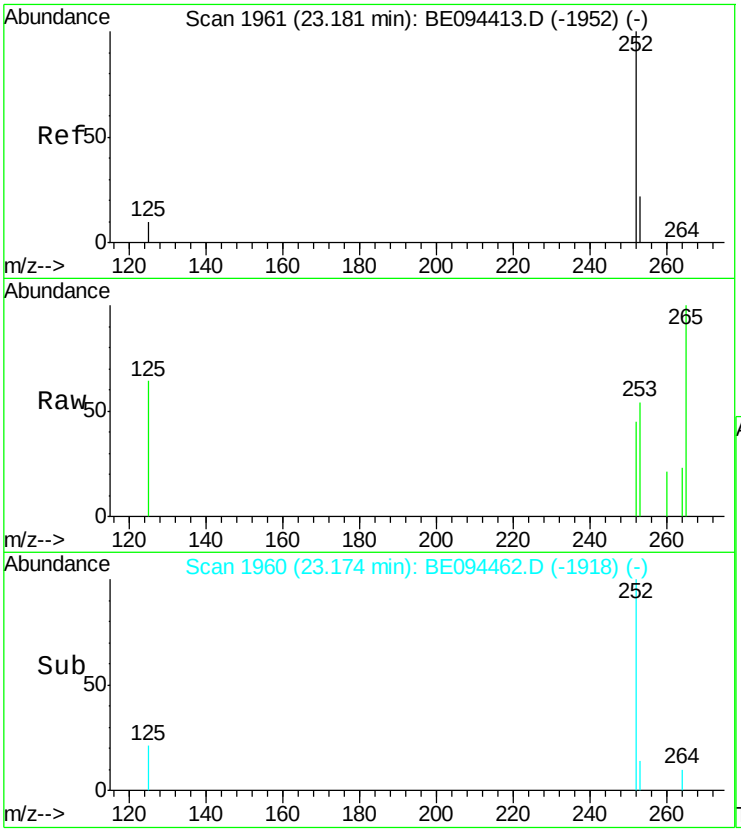


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:264 Resp: 8965

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.5	30.7
265	38.1	22.8	34.2#



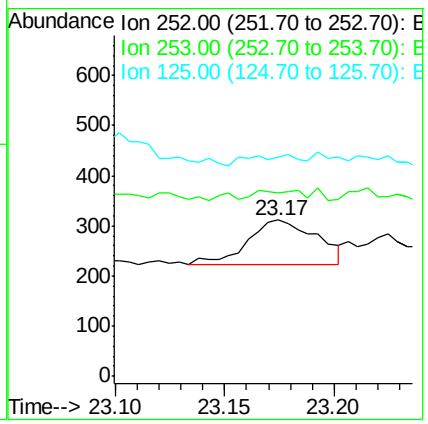


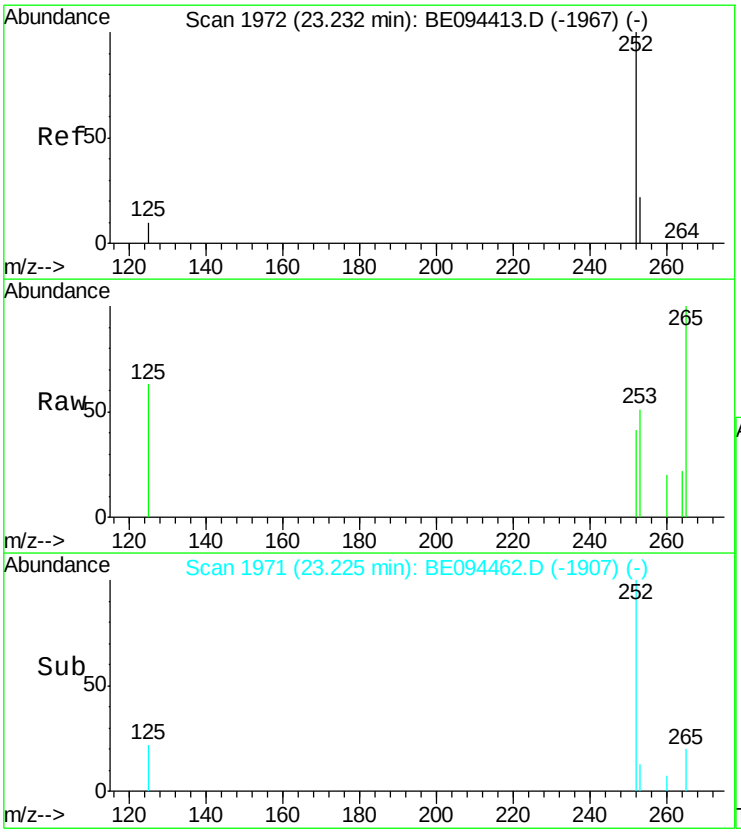
#35
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:252 Resp: 193

Ion	Ratio	Lower	Upper
252	100		
253	118.0	48.0	72.0#
125	140.5	56.0	84.0#

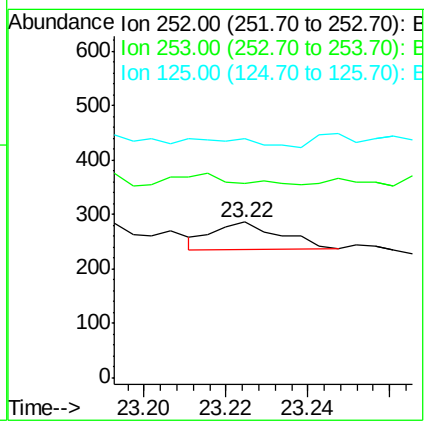


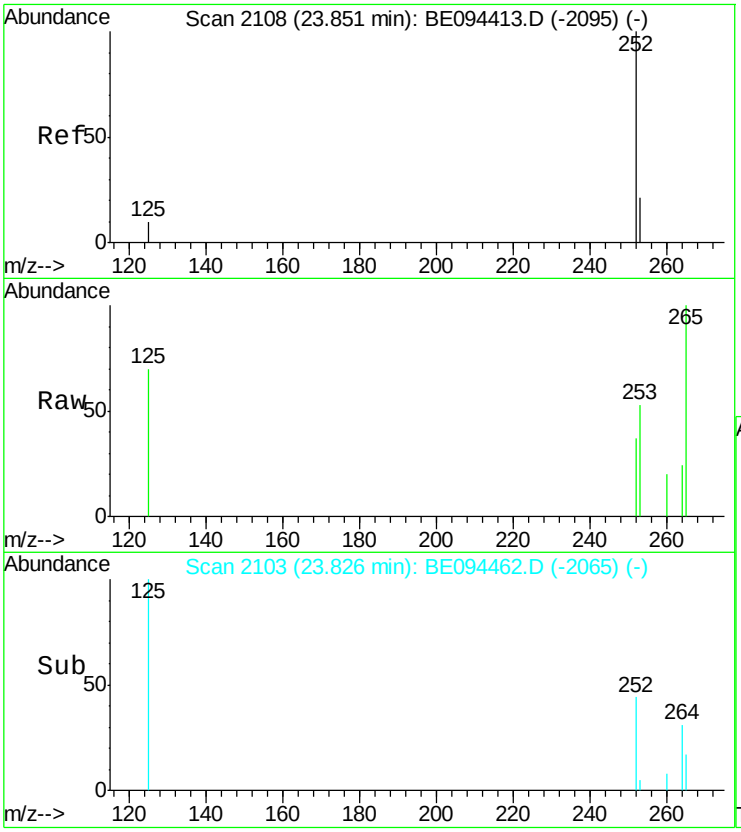


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.22 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	125.3	48.0	72.0#
125	154.0	56.0	84.0#



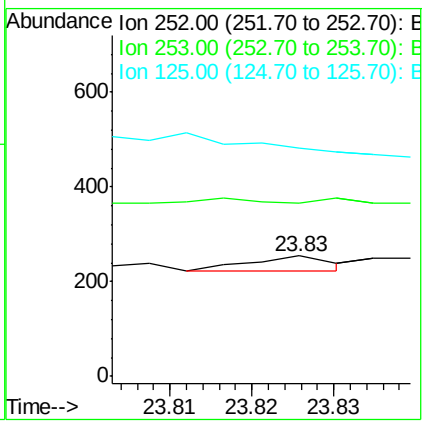


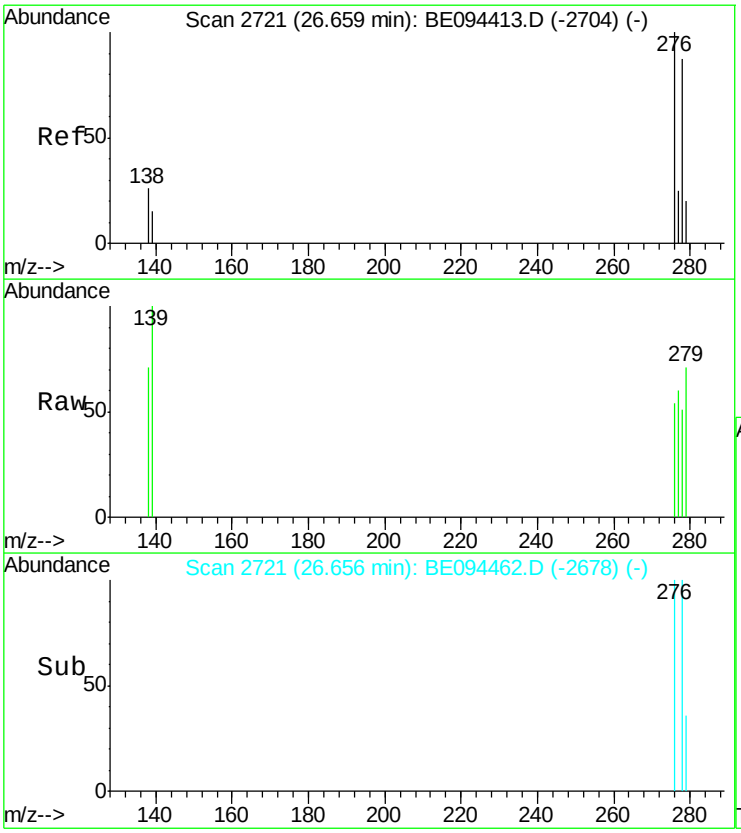
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:252 Resp: 23

Ion	Ratio	Lower	Upper
252	100		
253	143.7	52.0	78.0#
125	190.2	68.0	102.0#

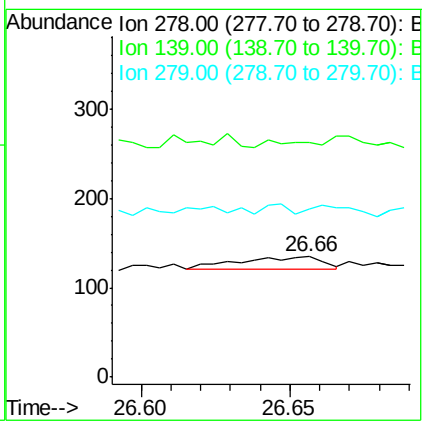


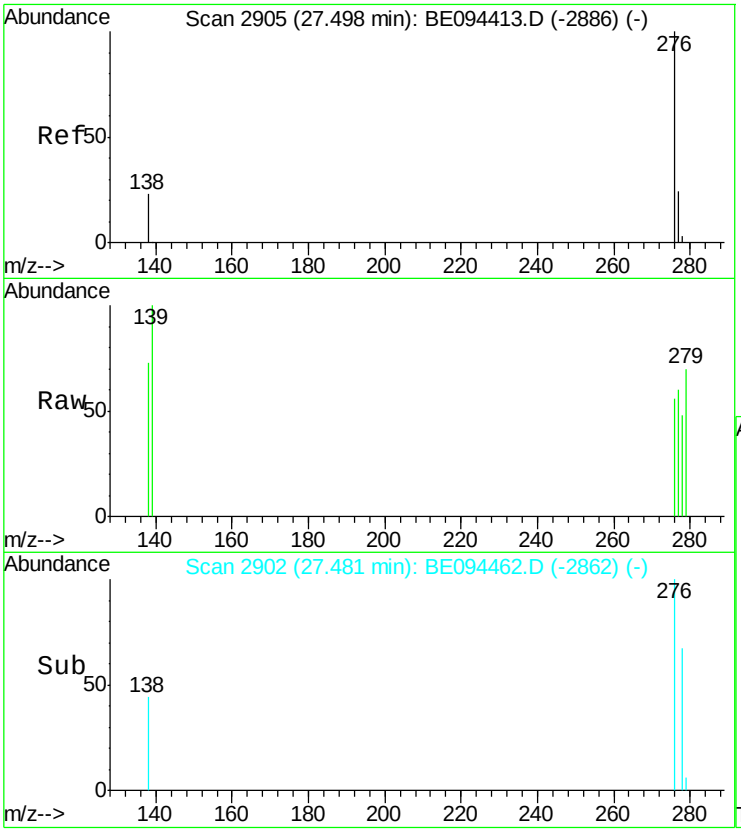


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.66 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:278 Resp: 27

Ion	Ratio	Lower	Upper
278	100		
139	194.8	56.0	84.0#
279	139.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 27.48 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Instrument :
BNA_E
ClientSampleId :
3919-FB

Tgt Ion:276 Resp: 61

Ion	Ratio	Lower	Upper
276	100		
277	106.1	52.0	78.0#
138	128.4	44.0	66.0#